

**Notice of Allowability**

Application No.

09/771,896

Examiner

Beemnet W. Dada

Applicant(s)

MORI ET AL.

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to An RCE Filed on 3/01/06.
2. ☒ The allowed claim(s) is/are 1, 6, 24, 27, 34, 35, 37, 38, 41-44 and 46-48.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)                                 | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|   | 9. <input type="checkbox"/> Other _____   |

  
**HOSUK SONG**  
PRIMARY EXAMINER

## DETAILED ACTION

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Richard A. Gollhofer on May 8, 2006.

The application has been amended as follows: In the claims,

24. (Currently Amended) A computer-readable storage medium storing a program used to direct a computer to perform a method comprising:

inputting identification information of a user;

generating output information for generation of signature information of the user according to the input identification information;

generating a signature program for generating blind information from the illegal use prevention information, and entering both the blind information and the illegal use prevention information in the signature information; and

outputting the output information and the signature program in a format readable by a bar code reader, and

wherein the output information is prepared such that, after the signature information is generated according to the output information, the signature program can be removed from memory.

34. (Currently Amended) The system according to claim ~~45~~ 43,

wherein said comparison unit further generates blind information from said illegal use prevention information contained in the signature information, and compares the generated blind information with the blind information contained in the signature information.

35 (Currently Amended) A signature system, comprising:  
management unit for managing first blind information generated from authentication information, one-directional function and encryption key which are registered by a user;  
receiving unit for receiving signature information which contains the authentication information;  
generation unit for generating second blind information from the authentication information contained in the signature information, using the one-directional function and the encryption key;  
comparison unit for comparing the first blind information with the second blind information to produce a first comparison result; and  
verification unit for verifying the signature information according to the first comparison result;  
wherein said receiving unit receives signature information which contains illegal use prevention information and third blind information generated from the illegal use prevention information;  
said generation unit further generates fourth blind information generated from the illegal use prevention information contained in the signature information, using the one-directional function and the encryption key;  
said comparison unit further compares the third blind information with the fourth blind information to produce a second comparison result; and  
said verification unit verifies the signature information according to the second comparison result.

36. (Cancelled)

39-40. (Cancelled)

43. (Currently Amended) A signature system presenting signature information of a user to a receiver, comprising:

a reading unit reading information, including program information, for generation of the signature information, where the program information can be removed from memory after the signature information is generated according to the information for generation of the signature information; and

a generation unit generating blind information from illegal use prevention information for protection against illegal use, and generating the signature information which contains the blind information and the illegal use prevention information, according to the program information;

wherein said reading unit further reads authentication information of the user,  
wherein said generation unit further includes the authentication information of the user in the signature information, and

further comprising:

a management unit managing first blind information of the authentication  
information;

a comparison unit generating second blind information from the authentication  
information contained in the signature information, comparing the second blind information with the first blind information and obtaining a comparison result; and

a verification unit verifying the signature information based on the comparison  
result.

45. (Cancelled).

46. (Currently Amended) The system according to claim ~~45~~ 43,

further comprising an issue unit issuing certification information containing the first blind information of the authentication information,

wherein said reading unit reads the certification information,

wherein said generation unit further includes the certification information in the signature information, and

wherein said comparison unit compares the second blind information generated by said comparison unit with the first blind information contained in the certification information.

49-53 (Cancelled).

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W. Dada whose telephone number is (571) 272-3847. The examiner can normally be reached on Monday - Friday (9:00 am - 5:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Beemnet Dada  
May 8, 2006

  
HOSUK SONG  
PRIMARY EXAMINER